

Record of Range Readiness

Allotment: Eagle Bluff District: Wenatchee River Observer: C. Jaeger

Observation Location (vegetation type, zone or elevation, area):

Date	Species or Indicator	Vegetation Development Stage (Record plant height and development stage)	Soil Condition (firm, soft, muddy)
5/11/18	Snowberry Bosamroot Wheatgrass Serviceberry Bitterbrush	Leaves out Bloomed 8-10 Bloomed Bloomed	dry + firm

Conclusions and/or Recommendations:

Range Ready

Note: Record key species or as many indicator plants as needed.
Sheet may serve for several checks in one year.

Indicators of Range Readiness

Grasses:

Wheat Grass	<i>Agropyron</i> spp.	About 8 inches in height, seed stalks showing.
Green Fescue	<i>Festuca viridula</i>	Leaves 7 inches in height, seed heads conspicuous.
Idaho Fescue*	<i>Festuca idahoensis</i>	Leaves 5 inches in height, seed heads present.
Prairie June grass conspicuous.	<i>Koeleria cristata</i>	Leaves about 5 inches in height, seed heads
Sandberg Bluegrass	<i>Poa secunda</i>	Plants maturing, seed heads in dough.
Pinegrass	<i>Calamagrostis</i>	Foliage 4-6 inches in height.
Tufted Hairgrass	<i>Deschampsia caespitosa</i>	6 inches or more in height, headed out.

Grass Like:

Elk Sedge	<i>Carex Geyeri</i>	Seed is in late dough stage.
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Forbs:

Western Yarrow	<i>Achillea lanulosa</i>	Flower stalks beginning to show.
Arrowleaf Balsamroot	<i>Balsamorhiza</i> spp.	Leafage about $\frac{3}{4}$ developed, beginning to blossom.
Geranium	<i>Geranium</i> spp.	Leafage about 4 inches high, flower in bloom.
Groundsel	<i>Senecio</i> spp.	Leafage mature, full bloom.
Dandelion	<i>Taraxacum officinale</i>	Leafage developed, full bloom.

Shrubs:

Serviceberry	<i>Amelanchier</i> spp.	Part of blossoms out.
Antelope Bitterbrush	<i>Purshia tridentate</i>	Flower buds conspicuously swollen.
Snowberry	<i>Symphoricarpos</i> spp.	7 to 8 pairs of leaves unfolded from each bud.

Soils:

Normally dry sites should be fairly dry and firm. Wet meadows, unless lightly stocked, should have most of the area dry enough to carry stock without breaking the sod and destroying the cover. Both soil and forage indicators must be considered in determining range readiness.

Indicators of range NOT ready to use:

<u>When in Flower</u>		<u>Soils</u>
Spring Beauty	Claytonia	Soils are wet, loose and subject to excessive compaction or damage from trampling.
Lambstounge Fawnlily	Erythronium	
Fritillary	Fritillaria	
Waterleaf	Hydrophyllum	
Sagebrush Buttercup	Ranunculus	

Eagle Blag

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

5/11/18

Page

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of

1

Permittee/s:

S Martinez Livestock

Address/es:

13395 Hwy 24Moxee 98936

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)0II Livestock Management (Salt Locations, Distribution, Rotations, Numbers)0III Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)Range Ready -distinct / so field visit
ESA discussion

Signature:

C. Guzman

Title:

Range Technician

Record of Range Readiness

Allotment: Mosquito Ridge District: Exhant Observer: C. Jager

Observation Location (vegetation type, zone or elevation, area):

Date	Species or Indicator	Vegetation Development Stage (Record plant height and development stage)	Soil Condition (firm, soft, muddy)
5/17/18	Balsamroot Bitterbrush dandelion Serviceberry	Bloomed Bloomed Bloomed Bloomed	firm + dry

Conclusions and/or Recommendations:

Range Ready

Note: Record key species or as many indicator plants as needed.
Sheet may serve for several checks in one year.

Indicators of Range Readiness

Grasses:

Wheat Grass	Agropyron spp.	About 8 inches in height, seed stalks showing.
Green Fescue	Festuca viridula	Leaves 7 inches in height, seed heads conspicuous.
Idaho Fescue	Festuca idahoensis	Leaves 5 inches in height, seed heads present.
Prairie June grass conspicuous	Koeleria cristata	Leaves about 5 inches in height, seed heads
Sandberg Bluegrass	Poa secunda	Plants maturing, seed heads in dough.
Pinegrass	Calamagrostis	Foliage 4-6 inches in height.
Tufted Hairgrass	Deschampsia caespitosa	6 inches or more in height, headed out.

Grass Like:

Elk Sedge	Carex Geyeri	Seed is in late dough stage.
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Forbs:

Western Yarrow	Achillea lanulosa	Flower stalks beginning to show.
Arrowleaf Balsamroot	Balsamorhiza spp.	Leafage about $\frac{3}{4}$ developed, beginning to blossom.
Geranium	Geranium spp.	Leafage about 4 inches high, flower in bloom.
Groundsel	Senecio spp.	Leafage mature, full bloom.
Dandelion	Taraxacum officinale	Leafage developed, full bloom.

Shrubs:

Serviceberry	Amelanchier spp.	Part of blossoms out.
Antelope Bitterbrush	Purshia tridentate	Flower buds conspicuously swollen.
Snowberry	Symphoricarpos spp.	7 to 8 pairs of leaves unfolded from each bud.

Soils:

Normally dry sites should be fairly dry and firm. Wet meadows, unless lightly stocked, should have most of the area dry enough to carry stock without breaking the sod and destroying the cover. Both soil and forage indicators must be considered in determining range readiness.

Indicators of range NOT ready to use:

<u>When in Flower</u>		<u>Soils</u>
Spring Beauty	Claytonia	Soils are wet, loose and subject to excessive compaction or damage from trampling.
Lambstounge Fawnlily	Erythronium	
Fritillary	Fritillaria	
Waterleaf	Hydrophyllum	
Sagebrush Buttercup	Ranunculus	

Mosquito Ridge

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

5/17/18

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of

1

Permittee/s:

S Martinez Livestock

Address/es:

Moxee

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)Good - last year for fan corralII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)ØIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)Range Readiness

Signature:

C. Granger

Title:

Range Technician

Eagle Blag

ALLOTMENT INSPECTION DIARY

File: 2230

Date: 5/17/18Page 1 of 1Permittee/s: S Martinez Livestock IncAddress/es: Moxee

Dear Permittee/s:

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INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)Temp troughs + fencing usedII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)ØIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)Turnout veg goodSignature: C. J. [Signature]Title: Range Technician

Mosquito Ridge

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

5/22/18

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1

of

1

Permittee/s:

S Martinez Livestock

Address/es:

13395 Hwy 24Moxee

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)Good - Troughs usedII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)III Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)Turnout

Signature:

C. J. J. J.

Title:

Range Technician

Eagle Blag

ALLOTMENT INSPECTION DIARY

File: 2230

Date: 5/24/18 Page 1 of 1Permittee/s: S MartinezAddress/es: Moxee

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT
Additional comments listed on back.I Structural Improvements (Condition, Maintenance, Potentials)0II Livestock Management (Salt Locations, Distribution, Rotations, Numbers)distribution Good / Numbers goodIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)utilization goodSignature: C JaegerTitle: Range Technician

Rattlesnake

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

5/24/18

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of

1

Permittee/s:

S Martinez Livestock

Address/es:

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)GoodII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)0III Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)Range Readiness

Signature:

C. Gayer

Title:

Range Technician

Record of Range Readiness

Allotment: Rattlesnake District: Naches Observer: Jaeger

Observation Location (vegetation type, zone or elevation, area):

Dents Table

Date	Species or Indicator	Vegetation Development Stage (Record plant height and development stage)	Soil Condition (firm, soft, muddy)
5/24	Britchbrush	Bloomed	
	Elk sedge	Bloomed	
	Serviceberry	Bloomed	
	Balsam root	Bloomed	

Conclusions and/or Recommendations:

Range Ready

Note: Record key species or as many indicator plants as needed.

Sheet may serve for several checks in one year.

Indicators of Range Readiness

Grasses:

Wheat Grass	Agropyron spp.	About 8 inches in height, seed stalks showing.
Green Fescue	Festuca viridula	Leaves 7 inches in height, seed heads conspicuous.
Idaho Fescue	Festuca idahoensis	Leaves 5 inches in height, seed heads present.
Prairie June grass conspicuous.	Koeleria cristata	Leaves about 5 inches in height, seed heads
Sandberg Bluegrass	Poa secunda	Plants maturing, seed heads in dough.
Pinegrass	Calamagrostis	Foliage 4-6 inches in height.
Tufted Hairgrass	Deschampsia caespitosa	6 inches or more in height, headed out.

Grass Like:

Elk Sedge	Carex Geyeri	Seed is in late dough stage.
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Forbs:

Western Yarrow	Achillea lanulosa	Flower stalks beginning to show.
Arrowleaf Balsamroot.	Balsamorhiza spp.	Leafage about ¾ developed, beginning to blossom.
Geranium	Geranium spp.	Leafage about 4 inches high, flower in bloom.
Groundsel	Senecio spp.	Leafage mature, full bloom.
Dandelion	Taraxacum officinale	Leafage developed, full bloom.

Shrubs:

Serviceberry	Amelanchier spp.	Part of blossoms out.
Antelope Bitterbrush	Purshia tridentate	Flower buds conspicuously swollen.
Snowberry	Symphoricarpos spp.	7 to 8 pairs of leaves unfolded from each bud.

Soils:

Normally dry sites should be fairly dry and firm. Wet meadows, unless lightly stocked, should have most of the area dry enough to carry stock without breaking the sod and destroying the cover. Both soil and forage indicators must be considered in determining range readiness.

Indicators of range NOT ready to use:

When in Flower

Soils

Spring Beauty	Claytonia	Soils are wet, loose and subject to excessive compaction or damage from trampling.
Lambstounge Fawnlily	Erythronium	
Fritillary	Fritillaria	
Waterleaf	Hydrophyllum	
Sagebrush Buttercup	Ranunculus	

Rattlesnake

ALLOTMENT INSPECTION DIARY

File: 2230

Date: 5/29/18 Page 1 of 1Permittee/s: S Martinez LivestockAddress/es: _____

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)GoodII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)ØIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)turnout - veg good

Signature: _____

Title: Range Technician

Nile

ALLOTMENT INSPECTION DIARY

File: 2230

Date: 6/5/18Page 1 of 1Permittee/s: S Martinez Livestock

Address/es: _____

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)

Good

Temp troughs + alternate bed away
from Nile creek usedII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)

0

III Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)

turnout

Signature: _____

Title: _____ Range Technician

Swain

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

6/7/18

Page

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of

1

Permittee/s:

S Martinez Livestock Inc

Address/es:

13395 Hwy 24

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)0II Livestock Management (Salt Locations, Distribution, Rotations, Numbers)0III Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)Turnout - Michelle couldn't make it

Signature:

C. J. Jansen

Title:

Range Technician

Mosquito

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

6/13/18

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of

1

Permittee/s:

S. Martinez Livestock

Address/es:

Moxee

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INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)veg on farm coming backII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)distribution + numbers goodIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)utilization good veg drying

Signature:

C Jager

Title:

Range Technician

Mosquito Ridge

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

6/20/18 Page 1 of 1

Permittee/s:

S Martinez - Livestock

Address/es:

Dear Permittee/s:

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INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)fence being removed for Riparian projectII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)distribution goodIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)Utilization good

Signature:

C. Gueguen

Title:

Range Technician

Swank

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

6/20/18

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1

of

1

Permittee/s:

S Martinez Livestock

Address/es:

Dear Permittee/s:

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INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)0II Livestock Management (Salt Locations, Distribution, Rotations, Numbers)distribution good / numbers goodIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)utilization good

Signature:

C Jaeger

Title:

Range Technician

Mosquito Ridge

ALLOTMENT INSPECTION DIARY

File: 2230

Date: 7/13/18Page 1 of 1

Permittee/s:

S Martinez Livestock

Address/es:

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)Temp troughs used againII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)distribution good - but slow movingIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)utilization good

Signature:

C Taylor

Title:

Range Technician

Manastash

ALLOTMENT INSPECTION DIARY

File: 2230

Date: 7/30/18 Page 1 of 1Permittee/s: S. Martinez LivestockAddress/es: _____

Dear Permittee/s:

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INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)0II Livestock Management (Salt Locations, Distribution, Rotations, Numbers)0III Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)Turnout dry Ewes onlySignature: C. Jaeger

Title: Range Technician

Swank

ALLOTMENT INSPECTION DIARY

File: 2230

Date: 8/11/18 Page 1 of 1

Permittee/s:

S Martinez

Address/es:

Dear Permittee/s:

This diary is being used as a means of ensuring that you are kept fully informed of our findings and thoughts regarding the management of allotments. If you have any questions concerning our findings, please feel free to call. Our intent is to prevent misunderstandings and improve Range Management on the ground.

INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)II Livestock Management (Salt Locations, Distribution, Rotations, Numbers)wolf killIII Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)

phone spoke w/ mark + Steve Wetzel + Kunz
sheep will be moved at accelerated pace
means less utilization loss of days

Signature:

C. Juarez

Title:

Range Technician

Rattlesnake

ALLOTMENT INSPECTION DIARY

File: 2230

Date:

8/14/18

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1

of

1

Permittee/s:

S Martinez

Address/es:

Dear Permittee/s:

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INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)GoodII Livestock Management (Salt Locations, Distribution, Rotations, Numbers)good distribution -
numbers off by 3III Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)utilization good

Signature:

C. Jaeger

Title:

Range Technician

file

ALLOTMENT INSPECTION DIARY

File: 2230

Date: 8/20/18 Page 1 of 1

Permittee/s:

S Martinez Livestock

Address/es:

Dear Permittee/s:

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INSPECTION REPORT

Additional comments listed on back.

I Structural Improvements (Condition, Maintenance, Potentials)

Good

II Livestock Management (Salt Locations, Distribution, Rotations, Numbers)

distribution good

III Vegetative and Soil Conditions (Readiness, Concentration Areas, Problem Areas, Utilization, Monitoring, etc.)

off

utilization good

Numbers off by 5 - recheck off truck

Signature:

C. J. J. J.

Title:

Range Technician

